




California Department of Food and Agriculture

Overview of California Agriculture



California Agricultural Overview 1997

California's Gross Cash Income Jumps 6% to a New Record High



Agricultural production and gross cash income in 1997 rose to a record level of \$26.8 billion, 6% above last year. Cash receipts from farm marketings totaled \$25.3 billion, up 8% from 1996; other farm related income totaled \$1.5 billion. Of the total gross income, *fruits and nuts* comprised 28%; *livestock and poultry*, 23%; *vegetables and melons*, 22%; *field crops*, 12%; *nursery, greenhouse products*, and *Christmas trees*, 9%. *Fruit and nut* cash receipts jumped 14% to \$7.49 billion, while *livestock and poultry* increased 1% to \$6.29 billion. *Vegetable crops* increased 10% to \$5.97 billion, *field crops* increased 6% to \$3.17 billion, and *nursery and greenhouse products* increased 3% to \$2.35 billion.

Notable increases in marketings were

as follows: *cotton*, +18%; *all hay*, +14%; *rice*, +33%; *sugar beets*, +23%; *apricots*, +23%; *cherries*, +40%; *grapes*, +29%; *Clingstone peaches*, +25%; *Navel oranges*, +12%; *lemons*, +21%; *strawberries*, +17%; *almonds*, +11%; *pecans*, +206%; *pistachios*, +67%; *walnuts*, +8%; *asparagus*, +44%; *Brussels sprouts*, +33%; *cabbage*, +39%; *carrots*, +24%; *celery*, +38%; *garlic*, +33%; *lettuce*, +20%; *cantaloupes*, +9%; *honeydews*, +52%; *fresh market tomatoes*, +21%; and *cattle and calves*, +18%.

Significant decreases in marketings occurred in: *nectarines*, -15%; *olives*, -33%; *Freestone peaches*, -39%; *plums*, -21%; *grapefruit*, -39%; *tangerines*, -17%; *cucumbers*, -29%; *onions*, -10%; *processing tomatoes*, -15%; *potatoes*, -21%; *barley*, -52%; *wheat*, -26%; *turkeys*, -9%; and *milk and cream*, -3%.

California Facts

Some 350 crops are recognized in California, including seeds, flowers and ornamentals.

This directory contains information about 65 major crops grown in California:

13 Field Crops
25 Fruits and Nuts
25 Vegetables and Melons
Nursery Products and Cut Flowers

In addition, data is shown for 10 livestock, poultry, and other products.

"California's Top Twenty" table can be found on page 5. A large number are specialty crops in which the Golden State accounts for most of the U.S. production.

California's Diversity

California agriculture is considered one of the most diversified in the world, with no one crop dominating the state's farm economy.

This is illustrated by the fact that only two products exceed 10% of the state's farm economy and the five leading commodities account for about 45% of the state's total gross farm income.

California is the number one dairy state and continues to lead the nation with many other commodities, such as fruit, nut, and vegetable crops, accounting for over half of the nation's production.

1997 California Farm Facts

About 12.1% of the national gross cash receipts for farming is produced in California on 84,000 farms.

This constitutes 4.1% of the nation's total farms (based on the 1992 Census of Agriculture definition of farms as places with annual sales of agricultural products of \$1,000 or more.)

California's Leading Farm Products

California's "Top Twenty" crop and livestock commodities account for 77% of the state's gross farm income.

1997 WEATHER



The Golden State experienced a wide variety of weather during the growing season (July 1996-June 1997.) Precipitation during the winter months was near normal, although severe flooding occurred in some of the Northern California counties in late December 1996 and early January 1997.

An early spring with mild temperatures and dry weather resulted in early crop growth. Most fruit and nut crops experienced nearly ideal weather conditions during the critical pollination period and consequently, good fruit sets were realized. Crop progress of most crops was ahead of normal throughout the year. The harvest progressed rapidly and was generally completed ahead of schedule. The weather during the summer growing season was mild, with very few extremely hot days.

The conditions were ideal for crop production and as a result several crops had record production. All three major nut crops had record production in 1997: *almonds*, up

48%; *pistachios*, up 71%; and *walnuts*, up 29%. *Wine* and *table grapes* also reached record production. *Wine grapes* were up 32% and *table grapes*, up 39%. *Raisin grapes* were up 31%. *Nectarine* and *Freestone peach* production increased 7% and 10%, respectively, to record highs. Other notable increases in production from the previous year were as follows: *apricots*, +74%; *cherries*, +100%; *Valencia oranges*, +20%; *pecans*, +92%; *bushberries*, +26%; *dry beans*, +28%; *corn for grain*, +26%; *Pima cotton*, +12%; *hay*, +8%; *rice*, +13%; *sugar beets*, +23%; *broccoli*, +11%; *cabbage*, +17%; *carrots*, +20%; *cantaloupes*, +11%; *honeydews*, +35%; and *fresh market tomatoes*, +11%. Significant declines in production were as follows: *olives*, -37%; *barley*, -18%; *Upland cotton*, -8%; *winter wheat*, -21%; *garlic*, -9%; and *processing tomatoes*, -12%.

California continues to lead the nation in milk production, which was up 7% from 1996. Dairy products are also the Golden State's leading commodity. Cattle and calves' production increased 5% from 1996.

Crop and Livestock Commodities in which California Leads the Nation

Alfalfa Hay
Alfalfa Seed
Almonds
Apricots
Artichokes
Avocados
Bedding Plants
Bell Peppers
Bermuda Grass Seed
Blackeye Beans
Broccoli
Brussels Sprouts
Bulbs
Cantaloupes
Carrots
Casaba Melons
Cauliflower
Celery
Chicory

Chinchillas
Chinese Cabbage
Chinese Peas
Crenshaw Melons
Currants
Cut Flowers
Dates
Dry Baby Lima Beans
Dry Large Lima Beans
Figs
Garbanzo Beans
Garlic
Goat's Milk
Green Lima Beans
Green Onions
Greenhouse Vegetables
Herbs
Honey
Honeydew Melons

Indoor Plants
Kiwifruit
Ladino Clover Seed
Lemons
Romaine Lettuce
Leaf Lettuce
Head Lettuce
Milk
Nectarines
Olives
Onions
Oriental Vegetables
Parsley
Peaches
Pears, Bartlett
Persian Melons
Persimmons
Pigeons & Squabs
Pistachios

Plums
Pomegranates
Prunes
Rabbits
Raisins
Safflower
Sod
Spinach
Strawberries
Sudan Grass
Sweet Rice
Table Grapes
Processing Tomatoes
Vegetable & Flower Seed
Walnuts
Watermelon
Wild Rice
Wine Grapes

California is the sole producer (99% or more) of the commodities in bold.

CALIFORNIA AGRICULTURE

When people think of California, they usually think of Disneyland, Hollywood, or even the Beach Boys. Think again. The Golden State is also home to the largest food and agriculture economy in the nation.

Got milk? California has plenty. We are the nation's number one dairy state, producing 26 billion pounds of milk and cheese.

How about the shirt you are wearing? Bet you didn't know that California is the nation's number two cotton

producer in the United States.

Hungry for any fruit or vegetable? Flip a coin. Since the state grows more than half of the nation's fruits, nuts and vegetables, there's a 50-50 chance it's from California.

In fact, if it's for breakfast, lunch or dinner, it was probably grown right here in California.

From our ports to our products, California is, without question, one of the world's largest supermarkets.

America's Top 5 Agricultural States (Dollars in Billions)

State	Rank	Value
California	1	\$26.8
Texas	2	\$15.9
Iowa	3	\$13.6
Nebraska	4	\$10.5
Illinois	5	\$ 9.8

California's Top 20 Farm Products for 1997 (Dollars in Millions)

Rank	Commodity	1997	1996	1995
Total Production and Income		\$26.8	\$25.3	\$23.6
1	Milk and Cream	\$3,626	\$3,714	\$3,080
2	Grapes	\$2,819	\$2,192	\$1,862
3	Nursery Products	\$1,758	\$1,661	\$1,485
4	Cattle and Calves	\$1,323	\$1,118	\$1,290
5	Lettuce	\$1,251	\$1,040	\$1,454
6	Almonds	\$1,127	\$1,018	\$ 881
7	Hay	\$1,037	\$ 841	\$ 780
8	Cotton Lint	\$ 984	\$1,070	\$1,047
9	Tomatoes	\$ 870	\$ 924	\$ 853
10	Flowers & Foliage	\$ 729	\$ 652	\$ 673
11	Strawberries	\$ 686	\$ 585	\$ 611
12	Oranges	\$ 587	\$ 489	\$ 473
13	Chickens	\$ 473	\$ 458	\$ 384
14	Broccoli	\$ 449	\$ 382	\$ 366
15	Walnuts	\$ 352	\$ 327	\$ 328
16	Rice	\$ 347	\$ 296	\$ 311
17	Carrots	\$ 345	\$ 278	\$ 274
18	Eggs, Chicken	\$ 345	\$ 367	\$ 288
19	Lemons	\$ 266	\$ 210	\$ 226
20	Garlic	\$ 262	\$ 196	\$ 141

California Agriculture Facts

- For more than 50 consecutive years, California has been the number one food and agricultural producer in the United States.
- California's cash farm receipts and income for 1997 totaled a record \$26.8 billion, up 6% from 1996.
- Agriculture continues to be a vital part of California, playing a unique role in our economic strength, providing for nearly 1 in 10 jobs and more than \$100 billion in production and related economic activity.
- For the first time in California history, 10 California counties reached at least \$1 billion in annual production value.
- California produces 350 different crops and commodities. Products exclusively (99% or more) grown in California, include: almonds, artichokes, dates, figs, kiwifruit, olives, persimmons, pistachios, prunes, raisins, clovers and walnuts.
- During 1997, California produced nearly 39 million tons of fruits, nuts and vegetables, accounting for more than half of U.S. production.
- California's food and agricultural exports for 1997, totaled \$6.7 billion, indicating that California exports nearly 20% of what it grows.
- Six of California's top 10 agricultural export markets are Pacific Rim countries, accounting for nearly one-third of the total market share (\$2.3 billion.)

California's Top 10 Agricultural Counties (Dollars in Millions)

Rank	County	1997 Value	1996 Value	Leading Commodities
1	Fresno	\$3,425	\$3,133	Grapes, Cotton, Poultry
2	Tulare	\$2,897	\$2,802	Milk, Grapes, Oranges
3	Monterey	\$2,269	\$1,935	Lettuce, Broccoli, Strawberries
4	Kern	\$2,191	\$2,067	Grapes, Cotton, Almonds
5	Merced	\$1,527	\$1,430	Milk, Almonds, Chickens
6	San Joaquin	\$1,487	\$1,352	Grapes, Milk, Almonds
7	Stanislaus	\$1,333	\$1,233	Milk, Almonds, Chickens
8	San Diego	\$1,140	\$1,114	Nursery, Avocados, Eggs
9	Riverside	\$1,088	\$1,142	Milk, Eggs, Grapes
10	Imperial	\$1,040	\$ 957	Cattle, Alfalfa, Lettuce

AGRICULTURAL EXPORTS

Exports are vital to California agriculture and our economy. California farms and ranches are the origin of nearly \$7 billion in exports. Cotton and almonds account for about one quarter of the export total.

Wine exports grew by about 80% from 1995 to 1997, and now rank third. Japan and Canada continue to be the major export destinations.

California's Principal Ag Exports for 1997 (Dollars in Millions)

Rank	Commodity	1997	1996	1995
1	Cotton, Lint	\$931.3	\$1,078.5	\$974.6
2	Almonds	\$818.3	\$1,015.9	\$780.5
3	Wine	\$374.9	\$ 286.9	\$209.9
4	Table Grapes	\$330.8	\$ 289.2	\$264.6
5	Oranges	\$307.4	\$ 267.9	\$291.5
6	Cattle & Calves	\$262.0	\$ 278.8	\$334.7
7	Tomatoes, Processing	\$226.3	\$ 202.8	\$196.4
8	Dairy	\$212.6	\$ 135.1	\$127.8
9	Raisins	\$199.8	\$ 208.6	\$197.6
10	Walnuts	\$153.0	\$ 201.4	\$177.2
11	Rice	\$144.4	\$ 145.9	\$146.1
12	Hay	\$141.2	\$ 109.0	\$112.4
13	Prunes	\$139.2	\$ 139.1	\$139.3
14	Lettuce	\$120.8	\$ 109.7	\$122.5
15	Strawberries	\$116.5	\$ 110.6	\$111.8
16	Pistachios	\$113.4	\$ 85.6	\$ 86.6
17	Lemons	\$110.1	\$ 110.2	\$116.9
18	Peaches/Nectarines	\$103.3	\$ 89.8	\$ 55.7
19	Broccoli	\$ 87.9	\$ 79.8	\$ 82.3
20	Plums	\$ 55.6	\$ 55.8	\$ 40.4

California's Top 10 Export Markets (Value of Principal Exports ¹; Dollars in Millions)

Rank	Country	1997	1996	Leading Exports
1	Japan	\$1,307	\$1,396	Cotton, Cattle & Calves, Hay
2	Canada	\$ 964	\$ 857	Table Grapes, Oranges, Lettuce
3	Hong Kong	\$ 358	\$ 265	Table Grapes, Oranges, Pistachios
4	South Korea	\$ 365	\$ 262	Cotton, Cattle & Calves, Dairy
5	Germany	\$ 297	\$ 340	Almonds, Wine, Prunes
6	United Kingdom	\$ 240	\$ 228	Wine, Almonds, Raisins
7	Taiwan	\$ 207	\$ 186	Cotton, Peaches/Nectarines, Plums
8	China	\$ 188	\$ 189	Cotton, Tomatoes (Proc.), Dairy
9	Indonesia	\$ 124	\$ 142	Cotton, Dairy, Table Grapes
10	Mexico	\$ 118	\$ 81	Table Grapes, Dairy, Peaches/Nectarines

¹ Reflects the principal commodities; the dollar values do not include all exports to these markets.

California Agriculture Export Facts

- Cotton and almonds are California's leading agricultural exports, followed by grape products, oranges and beef.
- The global marketplace holds the greatest potential for exports. The U.S. market has 250 million people; the world market has six billion.
- Agriculture is one of the few U.S. industries to enjoy a positive trade balance, highlighting the important role agriculture plays in the California economy.
- It is estimated that for every \$1 billion in agricultural export sales, 27,000 jobs are created in the state.
- Major increases in principle export commodities include wine, table grapes, oranges, hay, peaches/nectarines, pistachios and processing tomatoes.



Consumer Help Line: (800) 675-2427

1998 El Niño Storms Saturate California

By Jim Tippet, State Statistician

Although this publication details 1997 agricultural production and exports, it seems appropriate to briefly discuss the 1998 effects of El Niño weather phenomenon on the agricultural industry.

Unlike El Niño of 1982-83, which started in September and damaged primarily tomatoes, grapes and other late season crops, the impacts of the 1997-1998 El Niño storms held off until January 1998.

Looking back on the 1997-98 weather year that ended on June 30, 1998, California growers were assessing damages from the incessant rainfall. The soggy coastal valleys remained wet the first half of 1998 resulting in delayed planting, damaged produce and high super-market prices for California vegetables. In the Salinas Valley, lettuce and broccoli were in short supply and in Monterey County strawberries turned mushy.

Roads and bridges were washed out and levees were threatened or breached as rivers peaked and the rain kept falling.

Precipitation records were broken all over the state as the Central Valley spring began to emerge. Despite the blossoming of almonds and cherries, bees were hiding in hives rather than pollinating. Cool weather and rainfall continued.

State and federal disaster declarations made headlines, and 42 of California's 58 counties were declared major disaster areas.

Governor Pete Wilson mobilized emergency preparedness and appointed special flood teams. If a warm, wet front had hit the Sierra snow pack, the magnitude of the disaster would have been unimaginable. Many remained on alert preparing for the worst.

California's agricultural producers surveyed the scene and continued working to restore order.

Standing water delayed spring planting of tomatoes and field crops. Fungal problems abounded in orchards and vineyards. Stone fruit trees suffered damaged roots as they stood in totally saturated soils. Bees remained sluggish and slow to pollinate. Inaccessibility hindered or prevented normal cultural activities. Windrowed alfalfa was made moldy by rain. Dairy cows were miserably wet resulting in loss of milk production.

As spring progressed, the rain and cool weather continued. Almonds, walnuts, and pistachios were slow to develop. Stone fruit suffered brown rot. Some cotton fields remained too wet to be planted in time to grow a crop. Many planted cotton fields were later plowed under for failure to thrive. With expected Upland cotton production for 1998 down 34% from 1997, weather related cotton losses are

expected be quite high.

Delays to rice planting and development were nearly unprecedented. A strong low-pressure system set up over Northern California and brought record late-May rainfall and well below normal temperatures to much of the state for the Memorial Day weekend. Romaine lettuce shortages frustrated grocers and restaurateurs.

Conditions worsened in the Fresno County area when the first weekend in June brought nearly two inches of rainfall and cool temperatures. The cherry crop suffered in quantity and quality, since it was rained on during bloom, ripening and harvest. Losses to cherry growers for the 1998 crop were estimated to exceed \$70 million.

Bunch rot became a concern to table grape growers in the Fresno area. As the weather/water year closed on June 30, 1998, many areas of the state had accumulated precipitation totals more than twice the season's normal.

Some precipitation totals for 1997-98, as a percentage of normal were as follows:

Monterey, 250%; Bakersfield, 247%; Riverside, 221%; Santa Maria, 261%; and Salinas, 276%.

The El Niño related damages to California's agriculture are estimated to exceed half a billion dollars.

Cash Income by Commodities and Commodity Groups, 1995-97

Source of Income	1995	1996	1997
	\$1,000		
FIELD CROPS			
Alfalfa Seed	38,520	44,580	45,000
Barley	38,457	51,652	24,990
Beans, Dry	94,376	96,466	90,217
Corn for Grain	67,716	96,246	100,021
Cotton Lint	1,238,460	829,344	975,262
Cottonseed	84,922	117,871	122,181
Hay, All	528,185	597,537	679,096
Oats	2,721	3,925	3,908
Oil Crops	56,202	63,383	65,677
Potatoes	171,924	192,549	152,128
Rice	264,700	240,763	318,790
Sugar Beets	125,765	104,017	127,710
Sweet Potatoes	56,784	59,415	58,238
Wheat	146,296	238,578	176,998
Other Seed Crops	83,312	111,540	99,089
Other Field Crops	114,442	141,190	132,280
Total	3,112,781	2,989,056	3,171,585
Percent of Gross Cash Income	13.2	11.8	11.8
FRUIT & NUT CROPS			
Apples	154,815	151,269	167,161
Apricots	20,913	30,663	37,673
Cherries	41,540	45,430	63,375
Figs	16,429	12,850	12,103
Nectarines	93,990	116,977	98,895
Peaches, Clingstone	87,847	114,510	143,000
Peaches, Freestone	93,175	146,306	89,937
Pears	62,183	89,728	87,309
Plums	117,849	95,831	75,886
Prunes	199,438	187,676	178,421
Almonds	880,896	1,018,368	1,126,850
Pecans	3,712	1,079	3,300
Pistachios	161,320	121,800	203,400
Walnuts	327,600	326,560	352,390
Grapes	1,859,900	2,187,737	2,816,000
Kiwifruit	15,434	13,157	16,483
Avocados	228,606	235,478	248,069
Dates	17,598	23,301	23,574
Olives	50,065	102,588	68,536
Grapefruit	52,661	57,671	35,330
Lemons	224,929	193,654	234,177
Oranges, Navel & Miscellaneous	278,748	299,726	334,282
Oranges, Valencia	252,841	255,850	246,165
Tangerines	38,317	29,192	24,126
Bushberries	28,235	30,968	32,169
Strawberries	611,358	584,860	686,418
Other Fruits & Nuts	62,750	81,220	85,675
Total	5,983,149	6,554,449	7,490,704
Percent of Gross Cash Income	25.4	25.9	27.9
CHRISTMAS TREES			
	14,928	12,491	12,000
Percent of Gross Cash Income	0.1	0.1	0.1
NURSERY & GREENHOUSE PRODUCTS			
	2,158,508	2,281,327	2,346,432
Percent of Gross Cash Income	9.1	9.0	8.8

Source of Income	1995	1996	1997
	\$1,000		
VEGETABLE CROPS			
Artichokes	61,965	65,416	67,620
Asparagus	92,028	64,691	93,105
Beans, Green Lima	15,340	16,015	16,052
Beans, Snap	38,676	32,457	37,443
Broccoli	394,272	382,225	449,045
Brussels Sprouts	14,390	20,120	26,800
Cabbage	57,350	44,100	61,245
Carrots	274,024	277,978	345,135
Cauliflower	171,045	180,140	161,497
Celery	283,894	181,078	249,356
Corn, Sweet	62,916	65,754	65,772
Cucumbers	42,608	71,894	51,145
Garlic	140,700	196,333	261,519
Lettuce	1,453,601	1,040,313	1,251,152
Mushrooms	147,152	154,550	161,650
Onions	219,643	226,056	202,442
Peppers, Green	188,523	173,506	190,342
Spinach	41,407	38,664	44,091
Tomatoes, Fresh	191,862	259,706	313,956
Tomatoes, Processing	660,805	651,374	556,301
Cantaloupe	205,178	232,342	253,616
Honeydew	54,155	56,942	86,304
Watermelon	91,005	79,002	89,271
Other Vegetable Crops	827,788	937,438	939,235
Total	5,730,327	5,448,094	5,974,094
Percent of Gross Cash Income	24.3	21.6	22.3
LIVESTOCK, POULTRY & PRODUCTS			
Aquaculture	12,055	12,011	14,875
Broilers	383,175	456,690	471,978
Cattle & Calves	1,289,765	1,118,487	1,322,892
Eggs	288,369	367,317	344,810
Farm Chickens	910	812	1,232
Hogs	35,887	41,895	43,914
Honey	24,608	22,932	21,000
Milk & Cream	3,079,740	3,714,624	3,618,094
Sheep & Lambs	68,920	85,052	80,949
Turkeys	212,520	221,738	201,978
Wool	5,355	3,256	3,476
Other Livestock & Poultry	147,990	167,007	169,041
Total	5,549,294	6,211,821	6,294,239
Percent of Gross Cash Income	23.5	24.6	23.5
TOTAL CASH INCOME FROM MARKETINGS			
	22,548,987	23,497,238	25,289,054
FARM RELATED INCOME			
	1,041,815	1,765,815	1,504,258
Percent of Gross Cash Income	4.4	7.0	5.6
GROSS CASH INCOME FROM FARMING ¹			
	23,590,802	25,263,053	26,793,312

¹Includes value of home consumption, value of inventory adjustments, machine hire and custom work, forest products sold, rental value of farm dwelling, government payments, and other miscellaneous farm income.

SOURCE: USDA Economic Research Service

Farm Income Indicators, 1993-97

Item	1993	1994	1995	1996	1997
	\$1,000				
Final Crop Output	15,210,497	15,998,360	16,924,434	17,680,441	19,075,130
Food grains	267,409	551,142	410,996	479,341	495,788
Feed crops	614,405	741,438	637,079	749,360	808,015
Cotton	1,050,028	1,219,967	1,323,382	947,215	1,097,443
Oil crops	62,844	63,052	56,202	63,383	65,677
Tobacco	0	0	0	0	0
Fruits and tree nuts	5,743,184	5,716,612	5,983,149	6,554,449	7,490,704
Vegetables	4,934,070	5,217,683	5,906,258	5,641,974	6,113,027
All other crops	2,382,466	2,560,537	2,682,627	2,849,695	2,924,161
Home consumption	2,600	2,748	4,027	3,534	3,185
Value of inventory adjustment ¹	153,491	(74,819)	(79,287)	391,491	77,130
Final Animal Output	5,381,062	5,571,964	5,515,943	6,214,775	6,295,444
Meat animals	1,714,197	1,528,089	1,394,572	1,245,434	1,447,755
Dairy products	2,663,209	2,967,085	3,079,740	3,714,624	3,618,094
Poultry and eggs	874,988	874,611	932,903	1,091,769	1,065,434
Miscellaneous livestock	129,102	118,925	142,079	159,994	162,956
Home consumption	20,918	12,882	11,747	10,067	11,525
Value of inventory adjustment ¹	(21,352)	70,372	(45,098)	(7,113)	(10,320)
Services and Forestry	1,136,062	1,147,905	1,150,425	1,367,837	1,422,738
Machine hire and custom work	325,757	324,013	250,961	385,708	426,503
Forest products sold	25,052	12,011	9,320	9,500	9,500
Other farm income	236,186	197,444	253,703	301,332	290,670
Gross imputed rental value of farm dwellings	549,067	614,437	636,441	671,297	696,065
FINAL AGRICULTURAL SECTOR OUTPUT ²	21,727,621	22,718,229	23,590,802	25,263,053	26,793,312
less: Intermediate consumption outlays	10,349,902	10,924,696	12,131,116	12,156,456	13,450,273
Farm Origin	2,891,031	2,851,559	3,170,332	3,132,368	3,439,907
Feed purchased	1,961,594	1,924,553	2,180,591	2,105,130	2,349,246
Livestock and poultry purchased	512,048	528,155	517,278	493,271	504,430
Seed purchased	417,389	398,851	472,463	533,967	586,231
Manufactured Inputs	2,208,646	2,324,492	2,605,220	2,932,987	2,985,554
Fertilizers and lime	593,583	665,739	773,345	803,525	906,165
Pesticides	754,616	779,352	881,162	965,050	1,043,919
Petroleum fuel and oils	395,913	369,553	380,195	466,202	480,386
Electricity	464,534	509,848	570,518	698,210	555,084
Other Intermediate Expenses	5,250,225	5,748,645	6,355,564	6,091,101	7,024,812
Repair and maintenance of capital items	702,850	645,239	702,809	784,615	860,231
Machine hire and customwork	792,990	879,881	809,208	843,616	982,886
Marketing, storage, and transportation expenses	1,103,432	1,548,385	1,637,202	1,444,548	1,582,217
Contract labor	914,809	901,656	960,148	927,466	1,273,360
Miscellaneous expenses	1,736,144	1,773,484	2,246,197	2,090,856	2,326,118
plus: Net Government Transactions	34,111	(272,845)	(347,325)	(290,886)	(392,369)
+ Direct government payments	522,146	272,678	239,809	300,748	220,536
- Motor vehicle registration and licensing fees	32,935	40,595	49,791	42,657	46,444
- Property taxes	455,100	504,928	537,343	548,977	566,461
Gross Value Added	11,411,830	11,520,687	11,112,361	12,815,711	12,950,671
less: Capital consumption	911,890	920,943	947,451	979,958	997,135
Net Value Added	10,499,940	10,599,744	10,164,910	11,835,754	11,953,535
less: Factor payments	4,578,309	4,775,766	5,304,706	5,944,242	6,162,651
Employee compensation (total hired labor)	3,044,223	3,105,561	3,570,605	4,076,647	4,228,724
Net rent received by non-operator landlords	529,401	577,823	548,744	646,044	685,664
Real estate and non-real estate interest	1,004,685	1,092,382	1,185,357	1,221,551	1,248,263
NET FARM INCOME	5,921,631	5,823,978	4,860,204	5,891,511	5,790,885

¹ A positive value of inventory change represents current-year production not sold by December 1. A negative value is an offset to production from prior years included in current-year sales.

² Final sector output is the gross value of the commodities and services produced with a year. Net value-added is the sector's contribution to the National economy and is the sum of the income from production earned by all factors-of-production. Net farm income is the farm operators' share of income from the sector's production activities. The concept presented is consistent with that employed by the Organization for Economic Cooperation and Development.

Commodity Ranking, Acreage, Production, Value and Leading Producing Counties, 1997

Commodity	U.S. Rank ¹	CA Share of U.S. Prod.	Harvested Acreage	Short Tons	Value ²	California Ranking		Harvest Season	Leading Counties ³
	Number	Percent	1,000 Acres	1,000 Tons	\$1,000	1996	1997		
						Number			
Vegetables — Total Value — \$ 5,881,784,000									
Artichokes	1	100	9.1	43.2	67,620	49	49	Continuous	Monterey, Riverside, San Mateo, Orange
Asparagus	2	41	30.1	40.6	93,224	50	42	Feb. 15-Jun. 30	San Joaquin, Imperial, Fresno, Monterey, Santa Barbara
Beans, Snap	2	17	6.3	31.5	32,949	63	62	Apr. 20-Dec. 15	Tulare, Orange, San Luis Obispo, Santa Clara
Broccoli	1	92	123.0	799.5	449,045	14	14	Continuous	Monterey, Santa Barbara, Imperial, San Luis Obispo
Brussels Sprouts ⁴	1	93	4.2	31.5	26,800	67	65	Aug. 1-Mar. 15	Santa Cruz, San Mateo, Monterey
Cabbage	2	15	11.5	204.2	61,245	58	54	Continuous	Santa Barbara, Monterey, Ventura, San Luis Obispo
Carrots	1	76	73.6	1,362.7	345,135	18	17	Continuous	Kern, Imperial, Riverside, Los Angeles, Monterey
Cauliflower	1	83	41.2	267.8	161,497	31	35	Continuous	Monterey, Santa Barbara, Imperial
Celery	1	91	23.9	824.6	249,356	29	24	Continuous	Ventura, Monterey, Santa Barbara, San Luis Obispo
Corn, Fresh Market (Sweet)	2	17	27.0	195.8	65,772	48	51	May 1-Dec. 10	Imperial, Fresno, Riverside, San Joaquin, Contra Costa
Cucumbers, Fresh Market	3	16	5.7	89.8	42,206	54	58	Mar. 20-Nov. 30	San Diego, San Joaquin, Ventura, San Benito, Orange
Cucumbers, Processing	6	5	4.2	30.2	8,939	68	71	Jul. 1-Sep. 30	San Diego, San Joaquin, Ventura, San Benito, Orange
Garlic ⁴	1	88	37.0	277.5	261,519	26	21	Apr. 1-Sep. 15	Fresno, Kern, Monterey
Lettuce, Head	1	72	141.0	2,467.5	947,520	8	8	Continuous	Monterey, Fresno, Imperial, Santa Barbara
Lettuce, Leaf	1	81	35.7	374.8	190,424	27	28	Continuous	Monterey, Imperial, Ventura, Riverside
Lettuce, Romaine	1	69	24.0	318.0	113,208	38	40	Continuous	Monterey, Riverside, Ventura
Melons, Cantaloupe	1	61	65.5	720.5	253,616	23	22	May 15-Nov. 30	Fresno, Imperial, Merced, Riverside, Kern
Melons, Honeydew	1	80	23.2	232.0	86,304	52	45	Jun. 1-Nov. 30	Fresno, Sutter, Yolo, Imperial, Riverside
Melons, Watermelon	1	20	18.2	409.5	89,271	47	43	May 25-Oct. 15	Kern, Riverside, Imperial, San Joaquin, Fresno
Mushrooms, Agaricus	2	17	0.5	65.1	155,554	35	36	Continuous	Monterey, Santa Clara, San Mateo, San Diego
Onions	1	25	36.2	798.2	143,869	36	37	Apr. 1-Oct. 31	Fresno, Imperial, Kern, Los Angeles
Peppers, Bell	1	45	25.0	375.0	190,342	33	29	Jul. 1-Dec. 10	Riverside, Ventura, Fresno, San Benito, Orange
Spinach, Fresh Market	1	65	7.1	62.1	37,912	60	60	Continuous	Monterey, San Benito, Ventura, Santa Barbara, Riverside
Tomatoes, Fresh Market	2	31	40.8	581.4	313,956	20	19	May 15-Dec. 31	San Joaquin, Merced, Fresno, San Diego
Tomatoes, Processing	1	94	260.0	9,349.6	556,301	9	12	Jun. 20-Nov. 10	Fresno, Yolo, San Joaquin, Colusa, Solano
Other Vegetables & Melons, Etc.	—	—	180.0	—	938,200	—	—	—	—

¹Based on quantity produced for crops and on quantity marketed for livestock and poultry products.

²Based on value of quantity harvested for crops, value of quantity marketed for livestock and value of quantity produced for poultry products.

³Based on values published in the Annual County Agricultural Commissioners' Reports.

⁴Share of U.S. production based on 1992 Census of Agriculture.

Commodity Ranking, Acreage, Production, Value and Leading Producing Counties, 1997 (cont.)

Commodity	U.S. Rank ¹	CA Share of U.S. Prod.	Harvested Acreage	Short Tons	Value ²	California Ranking		Harvest Season	Leading Counties ³
	Number	Percent	1,000 Acres	1,000 Tons	\$1,000	1996	1997		
						Number			
Fruits and Nuts — Total Value — \$ 7,551,218,000									
Almonds (Shelled)	1	100	410.0	378.5	1,126,850	6	5	Aug. 1-Oct. 31	Stanislaus, Merced, Kern, Fresno, Madera
Apples	4	9	38.5	481.0	162,068	34	34	Jul. 15-Oct. 30	San Joaquin, Kern, Fresno, Madera, Santa Cruz
Apricots	1	95	19.1	132.0	37,673	61	61	May 1-Jul. 15	Stanislaus, Fresno, San Joaquin, Tulare, Merced
Avocados	1	87	56.0	159.0	251,616	22	23	Continuous	San Diego, Ventura, Riverside, Santa Barbara
Boysenberries	2	26	0.3	1.2	1,639	74	75	Jun. 1-Jul. 15	—
Cherries, Sweet	2	22	13.7	49.2	63,375	56	53	May 20-Jun. 25	San Joaquin, Stanislaus, Tulare, Santa Clara
Dates ⁴	1	100	4.8	21.0	23,100	65	66	Oct. 1-Dec. 15	Riverside, Imperial
Figs ⁴	1	100	16.0	48.5	12,103	70	70	Jun. 10-Sep. 15	Madera, Merced, Fresno
Grapefruit, All	2	12	18.6	274.7	59,153	55	56	Continuous	Riverside, San Diego, Tulare, Imperial, Kern
Grapes, All	1	91	675.7	6,642.0	2,818,592	2	2	—	Fresno, Kern, Tulare, Sonoma, San Joaquin
Grapes, Raisin Type	—	—	270.0	2,877.0	692,697	—	—	May 15-Nov. 15	—
Grapes, Table Type	—	—	76.7	825.0	368,960	—	—	May 25-Dec. 15	—
Grapes, Wine Type	—	—	329.0	2,940.0	1,756,935	—	—	Aug. 5-Dec. 15	—
Kiwifruit ⁴	1	100	6.1	35.0	16,483	69	68	Oct. 1-May 31	Tulare, Butte, Yuba, Kings, Kern
Lemons	1	89	46.5	760.0	265,835	25	20	Continuous	Ventura, Kern, Tulare, San Diego, Riverside
Nectarines ⁴	1	93	37.1	264.0	98,895	40	41	Jun. 10-Sep. 5	Fresno, Tulare, Kern, Kings
Olives	1	100	35.3	104.0	66,801	42	50	Sept. 25-Mar. 15	Tulare, Tehama, Glenn, Madera, Butte
Oranges, All	2	23	199.0	2,400.0	586,690	12	11	—	Tulare, Kern, Fresno, Ventura, San Diego
Oranges, Navel & Misc.	—	—	124.0	1,500.0	373,890	—	—	Nov. 25-May 15	—
Oranges, Valencia	—	—	75.0	900.0	212,800	—	—	May 15-Oct. 15	—
Peaches, All	1	71	66.2	943.5	232,937	19	25	—	Fresno, Tulare, Stanislaus, Sutter, Merced
Peaches, Clingstone	—	100	31.0	574.0	143,000	—	—	Jul. 15-Sep. 15	—
Peaches, Freestone	—	49	35.2	369.5	89,937	—	—	May 10-Sep. 15	—
Pears, All	2	30	22.8	312.0	85,184	44	46	Aug. 5-Oct. 5	Sacramento, Lake, Mendocino, Fresno, Tulare
Pecans	8	1	2.6	1.2	3,300	75	74	Sept. 1-Nov. 30	Tulare
Pistachios ⁴	1	100	65.4	90.0	203,400	37	26	Sept. 15-Dec. 10	Kern, Madera, Tulare, Kings, Fresno
Plums	1	89	42.0	243.0	75,886	43	48	May 25-Aug. 20	Fresno, Tulare, Kern, Kings
Prunes, Dried Basis	1	100	79.5	214.0	169,535	28	32	Aug. 15-Oct. 10	Sutter, Yuba, Butte, Tehama, Tulare
Raspberries	2	18	1.9	9.7	27,330	64	64	Jun. 1-Oct. 31	Santa Cruz, Monterey
Strawberries, All	1	82	22.6	666.7	686,418	11	10	Feb. 20-Nov. 15	Monterey, Ventura, Santa Cruz, Santa Barbara, Orange
Strawberries, Fresh Market	1	80	—	480.9	590,545	—	—	—	—
Strawberries, Processing	1	87	—	185.8	95,873	—	—	—	—
Tangerines, Mandarins, Tangelos, & Tangors	2	28	8.7	97.5	38,290	62	59	Nov. 1-Apr. 30	Tulare, Riverside, Imperial
Walnuts ⁴	1	100	177.2	269.0	352,390	16	15	Sep. 5-Nov. 10	San Joaquin, Stanislaus, Tulare, Butte, Sutter
Other Fruit and Nuts	—	—	6.6	600.0	85,675	—	—	—	—

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² Based on value of quantity harvested for crops, value of quantity marketed for livestock and value of quantity produced for poultry products.

³ Based on values published in the Annual County Agricultural Commissioners' Reports.

⁴ Share of U.S. production based on 1992 Census of Agriculture.

Commodity Ranking, Acreage, Production, Value and Leading Producing Counties, 1997 (cont.)

Commodity	U.S. Rank ¹	CA Share of U.S. Prod.	Harvested Acreage	Short Tons	Value ²	California Ranking		Harvest Season	Leading Counties ³
	Number	Percent	1,000 Acres	1,000 Tons	\$1,000	1996	1997		
						Number			
Field and Seed Crops — Total Value — \$ 3,822,529,000									
Barley	7	3	180.0	237.6	28,710	57	63	May 15-Oct. 1	Tulare, Siskiyou, Modoc, Fresno, Solano
Beans, Dry	4	10	132.0	148.5	87,912	45	44	Aug. 20-Nov. 15	Stanislaus, San Joaquin, Fresno, Sutter, Kern
Corn for Grain	23	1	260.0	1,237.6	141,440	39	38	Sep. 1-Dec. 1	San Joaquin, Yolo, Sacramento, Tulare, Solano
Cotton Lint, All	2	14	1,059.0	628.8	983,904	5	7	Oct. 1-Jan. 1	Fresno, Kern, Kings, Merced, Tulare
Cotton Seed, All	2	14	—	942.0	168,258	32	33	—	Fresno, Kern, Kings, Merced, Tulare
Hay, Alfalfa & Other	2	6	1,500.0	8,616.0	1,037,220	7	6	Mar. 1-Nov. 5	Imperial, Tulare, Kern, Merced, Fresno
Oats	16	1	35.0	39.2	4,410	72	72	Jun. 15-Oct. 1	Siskiyou, Merced, Solano, Sonoma, San Mateo
Potatoes	9	4	43.7	809.4	173,212	30	30	Continuous	Kern, Siskiyou, San Joaquin, Imperial, Riverside
Rice ^{5,6}	2	24	510.0	2,117.1	347,196	17	16	Sep. 1-Nov. 30	Colusa, Butte, Glenn, Sutter, Yuba
Sugar Beets ^{5,6}	5	10	99.0	2,970.0	115,000	41	39	Apr. 1-Dec. 10	Imperial, Fresno, Merced, San Joaquin, Solano
Sweet Potatoes	3	15	9.7	99.5	59,670	53	55	Jul. 15-Nov. 15	Merced, Stanislaus
Wheat, All	16	2	544.0	1,310.4	172,140	21	31	May 20-Sep. 1	Imperial, Kern, Kings, Fresno, Yolo
Oil Crops ⁷	N/A	42	175.5	191.4	65,677	51	52	—	—
Other Field Crops	N/A	N/A	666.1	9,989.0	437,780	—	—	—	—
Nursery and Flower Crops — Total Value — \$2,487,134,800									
Nursery Products ^{4,6,8}	1	22	—	—	1,757,878	3	3	Continuous	San Diego, Los Angeles, Orange, San Mateo, Ventura
Flowers & Foliage ⁹	1	22	—	—	729,257	10	9	Continuous	San Diego, Santa Barbara, San Mateo, Monterey, Santa Cruz

¹Based on quantity produced for crops and on quantity marketed for livestock and poultry products.

²Based on value of quantity harvested for crops, value of quantity marketed for livestock and value of quantity produced for poultry products.

³Based on values published in the Annual County Agricultural Commissioners' Reports.

⁴Share of U.S. production based on 1992 Census of Agriculture.

⁵The 1997 price and value are based on the 1996 California average price.

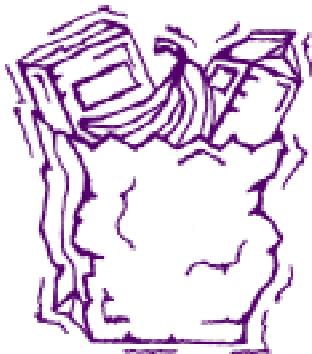
⁶Extracted from Agricultural Commissioners' Annual Crop Reports.

⁷Includes Sunflower, Safflower and Canola.

⁸Includes trees, shrubs, vines, bulbs, turf, etc., not included in flowers and foliage category.

⁹Includes cut flowers, potted plants, foliage plants, bedding plants and indoor decoratives.

Did you know...



- About 1.3 million dairy cows produce milk on more than 2,300 dairies located throughout California.
- Kern County produced 49% of California's potato crop, including seed.
- Rice was first successfully grown in California in 1911 near Richvale in Butte County.
- San Francisco County's only agricultural crop is nursery products.

Commodity Ranking, Value and Leading Producing Counties, 1997

Commodity	U.S. Rank ¹	CA Share of U.S. Prod.	Marketings	Cash Receipts ²	California Ranking		Leading Counties ³
					1996	1997	
	Number	Percent	1,000 lbs.	\$1,000	Number		
Livestock, Dairy, Poultry, and Apiary — Total Value — \$ 6,302,351,000							
Aquaculture	—	—	—	14,875	71	69	Riverside, Imperial, Sacramento
Cattle and Calves	5	4.9	2,681,775	1,322,892	4	4	Tulare, Imperial, Fresno, Kern, San Bernardino
Chickens, All	—	3.7	1,263,750	473,210	13	13	Fresno, Merced, Stanislaus, San Bernardino
Broilers & Fryers	11	3.5	1,210,200	471,978	—	—	—
Other	8	5.7	53,550	1,232	—	—	—
Hogs & Pigs	26	0.3	79,525	43,914	59	57	Tulare, Fresno, Merced, Kings
Honey	1	15.6	30,000	21,000	66	67	Tulare, Riverside, Kern, Kings, Merced
Milk & Cream	1	17.1	27,580,000	3,626,206	1	1	Tulare, Merced, San Bernardino, Stanislaus, Riverside
Sheep & Lambs	3	9.9	96,550	80,949	46	47	Kern, Solano, Imperial, Fresno, Merced
Turkeys	6	7.0	480,900	201,978	24	27	Fresno, Kings, Stanislaus, Merced, Sacramento
Wool	3	8.2	4,400	3,476	73	73	—
Millions of Eggs							
Eggs, Chicken	2	8.6	6,663	344,810	15	18	Riverside, San Diego, Stanislaus, Merced, San Bernardino
Other Livestock & Poultry	—	—	—	169,041	—	—	—

¹ Based on quantity produced for crops and on quantity marketed for livestock and poultry products.

² Based on value of quantity harvested for crops, value of quantity marketed for livestock and value of quantity produced for poultry products.

³ Based on values published in the Annual County Agricultural Commissioners' Reports.

California's Number of Farms, Land in Farms and Size of Farm, 1950-97

Year	Number of Farms	Land in Farms	Avg. Size of Farm
		1,000 Acres	Acres
1950 ¹	144,000	37,500	260
1955	124,000	39,000	316
1960	108,000	38,800	359
1965	82,000	37,800	461
1970	64,000	36,600	572
1975 ²	73,000	34,300	470
1980	81,000	33,800	417
1985	79,000	32,900	416
1986	79,000	32,800	415
1987	83,000	31,900	384
1988	84,000	31,600	376
1989	84,000	31,300	373
1990	85,000	30,800	362
1991	83,000	30,500	367
1992	82,000	30,200	368
1993	79,000	30,000	380
1994	79,000	29,900	378
1995	80,000	30,000	375
1996	82,000	30,000	366
1997	84,000	30,000	357

¹ Old definition of farm: Places of 10 or more acres that had annual sales of agricultural products of \$50 or more and places of less than 10 acres that had annual sales of \$250 or more.

² New definition of farm: Places with annual sales of agricultural products of \$1,000 or more.

California's Leading Agricultural Counties by Total Value of Production, 1997¹

Rank		County	Value of Production \$1,000	Leading Crops ²
1996	1997			
1	1	Fresno	3,424,622	Grapes, Cotton, Poultry, Tomatoes, Almonds
2	2	Tulare	2,896,859	Milk, Navel & Valencia Oranges, Grapes, Cattle & Calves, Alfalfa Hay & Silage
4	3	Monterey	2,269,218	Head Lettuce, Broccoli, Leaf Lettuce, Strawberries, Grapes
3	4	Kern	2,191,290	Grapes, Fresh & Processing Citrus, Cotton & Cottonseed, Almonds & By-Products, Market Milk
5	5	Merced	1,526,824	Milk, Almonds, Chickens, Cotton, Alfalfa
6	6	San Joaquin	1,487,476	All Grapes, All Milk, English Walnuts, Cherries, Almonds
7	7	Stanislaus	1,333,021	All Milk, Almonds, All Chickens, Walnuts, All Chicken Eggs
9	8	San Diego	1,139,276	Indoor Decoratives, Bedding & Turf Plants, Avocados, Ornamental Shrubs & Trees, Eggs
8	9	Riverside	1,087,920	Milk, Table Grapes, Eggs, Nursery, All Hay
10	10	Imperial	1,039,928	Cattle, Alfalfa, Lettuce, Carrots, Sugar Beets
12	11	Ventura	942,267	Lemons, Strawberries, Nursery Stock, Celery, Valencia Oranges
11	12	Kings	886,963	All Milk, All Cotton, Cattle & Calves, Turkeys, Alfalfa Hay
13	13	Madera	787,278	Grapes, Almonds, Market Milk, Pistachios, Cotton Lint
14	14	San Bernardino	671,648	Milk, Cattle & Calves, Eggs, Alfalfa Hay & Greenchop, Nursery Stock
15	15	Santa Barbara	626,435	Broccoli, Strawberries, Head Lettuce, Wine Grapes, Avocados
16	16	Sonoma	507,121	Wine Grapes, Market Milk, Misc. Livestock/Poultry/Aquaculture, Vegetables, Misc. Livestock/Poultry Products
17	17	San Luis Obispo	381,806	Wine Grapes, Head Lettuce, Broccoli, Cattle & Calves, Vegetable Transplants
18	18	Yolo	334,805	Processing Tomatoes, Wine Grapes, Alfalfa Hay, Seed Crops, Field Corn
19	19	Colusa	322,922	Rice, Processing Tomatoes, Almonds/Meats, Wheat, Cucumber Seed
21	20	Butte	305,568	Rice, Almonds, English Walnuts, Prunes, Kiwifruit
24	21	Santa Cruz	278,718	Strawberries, Iceberg Lettuce, Landscape Plants, Raspberries, Apples
20	22	Sutter	277,170	Rice, Walnuts, Prunes, Peaches, Tomatoes
25	23	Orange	276,000	Nursery Stock & Cut Flowers, Strawberries, Tomatoes, Bell & Misc. Peppers, Avocados
22	24	Glenn	275,365	Paddy Rice, Dairy Products, Almonds, Alfalfa Hay, Prunes
30	25	Napa	255,242	Grapes, Floral & Nursery Products, Cattle & Calves, Pasture & Range, Hogs
23	26	Sacramento	253,226	Milk, Wine Grapes, Bartlett Pears, Field Corn, Turkeys
26	27	Los Angeles	249,767	Ornamental Shrubs & Trees, Bedding Plants, Dry Onions, Peaches, Carrots
28	28	San Mateo	215,069	Ornamental Nursery Stock, Potted Foliage Plants, Mushrooms, Potted Orchids, Snapdragons
27	29	Solano	209,141	Processing Tomatoes, Nursery Stock, Alfalfa Hay, Wine Grapes, Field Corn
29	30	San Benito	164,792	Wine Grapes, Head Lettuce, Salad Lettuce, Nursery Stock, Bell Peppers
31	31	Santa Clara	152,697	Mushrooms, Nursery Crops, Cut Flowers, Cattle & Calves, Grapes
33	32	Mendocino	144,409	Wine Grapes, Bartlett Pears, Cattle & Calves, Milk, Pasture
32	33	Yuba	141,251	Rice, Prunes, Peaches, Walnuts, Cattle & Calves
35	34	Tehama	125,914	Walnuts, Prunes, Almonds, Olives, Cattle & Calves
34	35	Siskiyou	122,822	Alfalfa Hay, Cattle & Calves, Potatoes & Potato Seed, Nursery Products, Pasture & Range
36	36	Contra Costa	95,175	Bedding Plants, All Apples, All Milk, All Tomatoes, Sweet Corn
37	37	Humboldt	80,236	Milk, Cattle & Calves, Pasture & Range, All Hay, Silage
39	38	Marin	57,339	Milk, Cattle, Pasture & Range, Aquaculture Products, Lambs
38	39	Modoc	57,153	N/A
43	40	Shasta	52,989	Cattle & Calves, Strawberry Plants, Pasture & Range, Other Hay, Alfalfa Hay
42	41	Lassen	50,942	All Hay, Strawberry Plants, All Livestock, Pasture, Misc. Nursery & Field Crops
41	42	Placer	49,641	Rice, Cattle & Calves, Nursery, Pasture & Range, Walnuts
40	43	Lake	49,156	Pear, Grapes, Walnuts, Cattle, Other Hay
44	44	Alameda	47,442	Wine Grapes, Cut Flowers, Ornamental Shrubs & Trees, Bedding Plants, Cattle & Calves
45	45	Del Norte	27,142	Nursery Products, Milk, Cattle & Calves, Pasture & Range, Firewood
46	46	El Dorado	23,193	Apples, Grapes, Nursery Products, Pasture & Range, Cattle & Calves
47	47	Mariposa	18,398	Cattle & Calves, Rangeland, Misc. Livestock & Poultry Products, All Poultry, Misc. Fruits & Nuts
51	48	Mono	18,315	Cattle & Calves, Alfalfa Hay, Carrots, Seed Crops, Sheep & Lambs
48	49	Amador	17,877	Grapes, Cattle & Calves, Pasture & Range, Walnuts, Grain Hay
49	50	Calaveras	16,042	Cattle & Calves, Poultry, Livestock & Poultry Products, Grapes, Apiary Products
52	51	Plumas	15,493	Cattle & Calves, Pasture & Range, Alfalfa Hay, Other Hay
50	52	Tuolumne	13,912	Cattle & Calves, Pasture & Range, Cord & Fuel Wood, Hay, Sheep & Lambs
53	53	Inyo	12,300	Cattle & Calves, Alfalfa Hay, Turf, Pasture & Range, Misc. Hay
54	54	Nevada	7,018	Cattle & Calves, Pasture & Range, Wine Grapes, Nursery & Christmas Trees, Fruits & Vegetables
55	55	Sierra	5,367	Cattle & Calves, Pasture & Range, Other Hay, Alfalfa Hay
56	56	San Francisco	1,611	Nursery Products
57	57	Trinity	1,476	N/A
58	58	Alpine	0	Not Reported

¹ Timber not included.

² Extracted from Agricultural Commissioners' Annual Crop Reports.

California's 1996-97 and 1997-98 Season Rainfall with Comparisons to Normal

Stations	1996-97		1997-98		Normal Annual Rainfall
	Precipitation Jul. 1 to Jun. 30	Percent of Normal	Precipitation Jul. 1 to Jun. 30	Percent of Normal	
	Inches		Inches		
NORTH COAST					
Eureka	48.89	130	57.51	153	37.53
Ukiah	—	—	53.09	140	37.98
Santa Rosa	31.68	105	53.97	178	30.30
Lakeport	24.80	79	52.15	167	31.25
St. Helena	37.75	107	—	—	35.19
CENTRAL COAST					
San Francisco Airport	20.01	102	40.03	203	19.70
San Jose	16.33	113	28.75	199	14.42
Livermore	14.39	101	25.52	180	14.21
Salinas Airport	17.20	138	34.37	276	12.44
Monterey	21.55	115	47.15	252	18.72
King City	13.09	114	25.80	226	11.44
Paso Robles Airport	12.58	90	23.56	169	13.95
SACRAMENTO VALLEY					
Redding	32.09	96	64.97	195	33.30
Willows	19.21	110	41.18	235	17.49
Chico	24.87	94	49.95	190	26.32
Marysville	21.50	102	37.61	179	21.04
Woodland	19.58	101	32.04	165	19.43
Sacramento Airport	17.40	99	32.95	188	17.52
SAN JOAQUIN VALLEY					
Stockton Airport	13.19	95	26.91	193	13.95
Newman	13.53	128	25.60	242	10.58
Merced	13.29	111	23.56	196	12.01
Fresno Airport	11.57	109	19.87	187	10.60
Five Points	7.39	111	13.03	195	6.67
Kettleman Station	7.81	118	—	—	6.61
Porterville	13.30	121	21.95	199	11.03
Bakersfield	7.03	123	14.10	246	5.72
SOUTH COAST					
Santa Maria Airport	9.79	79	32.21	261	12.36
Santa Barbara Airport	17.88	110	43.45	267	16.25
Oxnard	13.95	97	34.66	241	14.38
Los Angeles	12.35	84	—	—	14.77
Riverside	—	—	21.21	221	9.58
San Diego Airport	7.11	72	17.59	178	9.90
SOUTHEASTERN INTERIOR					
Bishop	—	—	8.13	151	5.37
Daggett Airport	.98	25	6.77	172	3.93
Thermal Airport	1.09	34	4.38	139	3.16
Blythe Airport	1.29	36	4.86	135	3.60
Imperial	1.23	45	4.62	168	2.75
CASCADE-SIERRA					
Tulelake	11.26	102	19.26	174	11.05
Alturas	13.38	111	16.65	139	12.01
Mt. Shasta City	34.64	94	—	—	37.02
Blue Canyon Airport	106.44	159	100.85	150	67.04
Yosemite Valley	50.13	135	53.66	149	37.05
Huntington Lake	55.79	151	63.70	172	36.93

SOURCE: National Weather Service Office, Sacramento, CA

California Fruit & Vegetable Crop Seasons

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
FRUITS												
Apples												
Apricots												
Boysenberries												
Olallieberries												
Cherries												
Dates												
Figs												
Grapefruit												
Grapes												
Kiwifruit												
Lemons												
Melon, Cantaloupe												
Melon, Honeydew												
Oranges, Navel												
Oranges, Valencia												
Peaches												
Pears												
Plums												
Pomegranates												
Prunes												
Strawberries												
Tangerines												
Tangelos												
Watermelons												
VEGETABLES												
Artichokes												
Asparagus												
Avocados												
Beans, Dry												
Beans, Snap												
Broccoli												
Brussels Sprouts												
Cabbage												
Carrots												
Cauliflower												
Celery												
Corn												
Cucumbers												
Garlic												
Lettuce												
Mushrooms												
Onions												
Peppers, Green												
Potatoes												
Potatoes, Sweet												
Spinach												
Squash												
Tomatoes												